

## Brightwell, Leola

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**From:** Turner, Nardina  
**Sent:** Tuesday, May 24, 2016 9:20 AM  
**To:** Saskowski, Ronald  
**Subject:** FW: R4 LIMS Sample Log for Project 13-0295, WorkOrder E131407  
**Attachments:** E131407 WKO 04 05 13 1115.pdf; E131407\_COC\_01.pdf; E131407\_COC\_02.pdf

**From:** R4SampleCustody@epa.gov [mailto:R4SampleCustody@epa.gov]  
**Sent:** Friday, April 05, 2013 10:46 PM  
**To:** McKee, Nancy <McKee.Nancy@epa.gov>  
**Cc:** Colquitt, Debbie <Colquitt.Debbie@epa.gov>; Wasko, Mike <wasko.mike@epa.gov>; Turner, Nardina <Turner.Nardina@epa.gov>; mcinnijg@dhec.sc.gov; Wasko, Mike <wasko.mike@epa.gov>; Bennett, Gary <Bennett.Gary@epa.gov>; Hale, Sallie <Hale.Sallie@epa.gov>; Bennett, Gary <Bennett.Gary@epa.gov>  
**Subject:** R4 LIMS Sample Log for Project 13-0295, WorkOrder E131407

Attached is a detailed work order report, in Adobe Acrobat PDF format, containing information about samples and their scheduled analyses for the following Project:

**Project Number:** 13-0295  
**Project Name:** Greenwood Mills Liner Plt  
**City:** Orangeburg    **County:** Orangeburg    **State:** SC

**Samples in the following categories have been submitted for analysis:**

Classical/Nutrient Analyses (CNA)

Semi Volatile Organics (SVOA)

Total Metals (TMTL)

Please review the attached report and notify our Sample Control Coordinator by e-mail at [R4SampleCustody@epa.gov](mailto:R4SampleCustody@epa.gov) if you have any questions, concerns, or if you notice any errors.

**\*\*CONFIDENTIALITY NOTICE\*\***

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## WORK ORDER

Printed: 4/5/2013 11:15:36AM

E131407

## US-EPA, Region 4, SESD

Client: Superfund Remedial (302DD2, 303DD2)  
 Project: Greenwood Mills Liner Plt - NMCKEE

Project Number: 13-0295  
 Acct # / Location: 303DD204ZZLA00 Orangeburg Orangeburg SC

Project Leader: McKee, Nancy

Date Due: 05/10/13 (35 day TAT)

Received By: Beall, Mike

Date Received: 04/05/13 10:31

Logged In By: Beall, Mike

Date Logged In: 04/05/13 11:07

Samples Received at: 0.7°C

Placed in Cooler after Ice Removed:

D.A.R.T. Project ID: 13-0295

Custody Seals: Yes

Sample Containers Intact: Yes

Program/Activity: SI

Custody Seals Intact: Yes

Samples &amp; COC Match: Yes

Site/Waterbody: GREENWOOD MILLS - LINER PLANT  
(110008564366)

COC Present: Yes

COC/Labels Agree: Yes

Ice in Cooler: Yes

All Analyses on COC: Yes

Analysis	Due	TAT	Expires	Comments
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## E131407-01 GML-019-GW / GML019 [ Water / Groundwater ] Sampled 04/04/13 17:05

A = 1000mL Plastic	B = 1000mL Plastic	C = 1000mL Amber Glass	D = 1000mL Amber Glass
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SV (Routine) Extractables 05/10/13 00:00 35 04/11/13 17:05

Metals Scan, Routine + Mercury 05/10/13 00:00 35 10/01/13 17:05

Cyanide (Routine) 05/10/13 00:00 35 04/18/13 17:05

## E131407-02 GML-020-GW / GML020 [ Water / Groundwater ] Sampled 04/04/13 14:37

A = 1000mL Plastic	B = 1000mL Plastic	C = 1000mL Amber Glass	D = 1000mL Amber Glass
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Cyanide (Routine) 05/10/13 00:00 35 04/18/13 14:37

Metals Scan, Routine + Mercury 05/10/13 00:00 35 10/01/13 14:37

SV (Routine) Extractables 05/10/13 00:00 35 04/11/13 14:37

## E131407-03 GML-021-GW / GML021 [ Water / Groundwater ] Sampled 04/04/13 12:52

A = 1000mL Plastic	B = 1000mL Plastic	C = 1000mL Amber Glass	D = 1000mL Amber Glass
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Cyanide (Routine) 05/10/13 00:00 35 04/18/13 12:52

Metals Scan, Routine + Mercury 05/10/13 00:00 35 10/01/13 12:52

SV (Routine) Extractables 05/10/13 00:00 35 04/11/13 12:52

## Analysis packages included in this work order

Metals Scan, Routine + Mercury

v Major Metals 6010 ICP	Metals, ICP-MS 200.8- Full List	v Trace Metals 6010 ICP	Mercury, Routine Level
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SV (Routine) Extractables

v SV Extractables	v SV TICS
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E131407

## USEPA Region 4 COC (REGION COPY)

DateShipped: 4/4/2013

CarrierName: FedEx

AirbillNo: 800798655860

## CHAIN OF CUSTODY RECORD

Greenwood Mills - Liner Plant

Project Number: 13-0295

Cooler #:

No: 03/29/13-0012

Lab: Region 4 Lab

Lab Contact: Sample Custodian

Lab Phone: 7063558856

Sample #	Media/Sampler	Coll. Method	Analysis/Turnaround	Tag/Preservative/Bottles	Station Location	Collected	Sample Type
-01 GML-019-GW	Groundwater/ Williams, Jason	Grab	SVOA, TMTL + Hg, CN	A (None), B (HNO3 pH<2), C (NaOH) (4) ✓	GML019	04/04/2013 17:05	Field Sample
-02 GML-020-GW	Groundwater/ Cook, Dana	Grab	SVOA, TMTL + Hg, CN	A (None), B (HNO3 pH<2), C (NaOH) (4) ✓	GML020	04/04/2013 14:37	Field Sample
-03 GML-021-GW	Groundwater/ Cook, Dana	Grab	SVOA, TMTL + Hg, CN	A (None), B (HNO3 pH<2), C (NaOH) (4) ✓	GML021	04/04/2013 12:52	Field Sample

Special Instructions:

Shipment for Case Complete? Y

Samples Transferred From Chain of Custody #

Analysis Key: SVOA=(SVOA) Semivolatiles, TMTL + Hg=(TMTL) Total Metals (Superfund, RCRA) + Hg, CN=(CNA) Cyanide

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
Samples	Jason Williams	4/4/12	FedEx	4/4/12							
			RMBeall	4/5/13	1031						

4/5/13 RWB Signature DATE HAS 2012 - SHOULD BE 2013 - EMAIL CORRECTION



Re: Greenwood Mills -Liner Day 2

Williams, Jason C.

to:

R4SampleCustody

04/05/2013 12:19 PM

Hide Details

From: "Williams, Jason C." <williajc@dhec.sc.gov>

To: R4SampleCustody@EPA

**E131407**

1 Attachment



graycol.gif

Yes the Date should be 4/4/13. I'm living a year behind everyone else.

[REDACTED]

Sorry about the cooler weight. We have been made aware of that issue and normally try to keep an eye on the weight. This trip was pretty hectic and we let it slip by us. We'll monitor the weight more closely in the future.

Thanks,  
Jason

On Fri, Apr 5, 2013 at 11:39 AM, <[R4SampleCustody@epa.gov](mailto:R4SampleCustody@epa.gov)> wrote:

Jason,

\* Cooler arrived. One issue with CoC. Where you sign at the bottom, you put the date as 4/4/12. Should this be 4/4/13?  
If so, simply answering this email will be sufficient and a revised CoC will not be needed.

One problem with the coolers: is there any way they can be packed lighter? All coolers received from your site this week were over 100 lbs. This makes it difficult to manage on our end. I cannot speak for FedEx, but probably the same.

As today's cooler only had 3 samples for a total of 12 liters of groundwater, the bulk of the weight had to be ice and water. There are ways to minimize the weight even under tight budget constraints.